SEQUENCE LISTING

<110> GEORGES, FAWZY
DONG, JIN-ZHUO
KELLER, WILF
HUSSAIN, ATTA A. K.
SELVARAJ, GOPALAN
DATLA, RAJU

<120> METHODS AND COMPOSITIONS FOR MODULATING SECONDARY PLANT METABOLITES

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<151> 1998-01-22

<150> US 09/012453

<151> 1998-01-23

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35 40 45

Asn Ile Val Lys Leu Thr Lys Gly Val Tyr Lys Val Ser Trp Thr Glu
50 55 60

Pro Thr Gly Thr Asp Val Ser Leu Asn Phe Met Pro Glu Glu Lys Arg
65 70 75 80

Met His Gly Val Ile Phe Phe Pro Lys Trp Val His Glu Arg Pro Asp
85 90 95

Ile Thr Val Cys Tyr Gln Asn Asp Tyr Ile Asp Leu Met Lys Glu Ser
100 105 110

Arg Glu Lys Tyr Glu Thr Tyr Pro Lys Tyr Val Val Pro Glu Phe Ala
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Ser Glu Glu Pro Thr Val Ser Val Ala Leu Val Glu Ala Gly Pro Asp
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Asp Arg Gly Val Pro Glu Val Leu Gln Leu Asp Arg Trp Met Glu Leu
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Leu Glu Ser Gly Tyr Asp Trp Asp Tyr Pro Ile Glu Pro Gln Glu Asn
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Gly Asn Ser Phe Met Arg His Ala Arg Ala Lys Ile Met Gly Gly Cys
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Ser Ser His Asn Ser Cys Ile Ala Phe Trp Ala Pro Arg Glu Asp Leu
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Asp Glu Trp Glu Ser Lys Tyr Gly Ala Thr Gly Trp Asn Ala Glu Ser
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Asp Ala Pro His His Gly Asp Ser Gly Pro Val His Leu Met Asn Val
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Pro Pro Ala Asp Pro Ala Gly Val Ala Leu Leu Asp Ala Cys Glu Gln
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Ala Gly Ile Pro Arg Ala Lys Phe Asn Thr Gly Thr Thr Val Ile Asn
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Gly Ala Asn Phe Phe Gln Ile Thr Arg Arg Ala Asp Gly Thr Arg Ser
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Ser Ser Ser Val Ser Tyr Ile His Pro Ile Ile Glu Arg Gly Asn Phe
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Thr Leu Leu Thr Gly Leu Arg Ala Arg Gln Leu Val Phe Asp Ala Asp
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Lys Arg Cys Thr Gly Val Asp Val Val Asp Ser Ala Phe Gly Arg Thr
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His Arg Leu Ser Ala Arg Cys Glu Val Ile Leu Ser Thr Gly Ala Ile
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Asp Ser Pro Lys Leu Leu Met Leu Ser Gly Ile Gly Pro Ala Ala His
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Leu Ala Glu His Gly Val Glu Val Leu Val Asp Ser Pro Gly Val Gly
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Glu His Leu Gln Asp His Pro Glu Gly Val Val Gln Phe Glu Ala Lys
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Gln Gln Met Val Gln Thr Ser Thr Gln Trp Trp Glu Ile Gly Ile Phe
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Gly Ser Val Pro Phe Asp Met Asn Thr Leu Arg Tyr Gly Tyr Pro Thr
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Val Asp Pro Arg Tyr Phe Thr Asp Pro Glu Gly His Asp Met Arg Val
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Met Val Ala Gly Ile Arg Lys Ala Arg Glu Ile Ala Ala Gln Pro Ala
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Met Ala Glu Trp Thr Gly Arg Glu Leu Ser Pro Gly Thr Glu Ala Gln
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Thr Asp Glu Glu Leu Gln Asp Tyr Ile Arg Lys Thr His Asn Thr Val
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Tyr His Pro Val Gly Thr Val Arg Met Gly Pro Ala Asp Asp Asp Met
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Ser Pro Leu Asp Pro Glu Leu Arg Val Lys Gly Val Thr Gly Leu Arg
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Val Ala Asp Ala Ser Val Met Pro Glu His Val Thr Val Asn Pro Asn
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500 505 510

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Leu Ala
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<212> DNA

<213> Mesembryanthemum crystallinum

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